

AMENDMENT

U.S. Appln. No. 09/822,211

"FC-116" or " $\text{CF}_3\text{CF}_3$ ") with nitrogen gas used as the diluent gas (J.Am.Chem.Soc., 77, 3007 (1955); J.Am.Chem.Soc., 82, 5827 (1960));

(2) fluorination of C—H with  $\text{F}_2$  in a reactor having a porous alumina tube (EP31519);

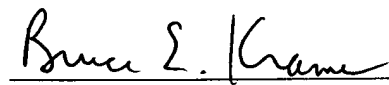
(3) fluorination of a linear hydrocarbon with  $\text{F}_2$  in the presence of a diluent gas in a reactor having a porous metal tube (double tube structure):  $\text{SF}_6$ ,  $\text{CF}_4$ ,  $\text{C}_2\text{F}_6$  or  $\text{C}_3\text{F}_8$  being used as the diluent gas (EP32210); and

Cont  
A' (4) reaction of a saturated or unsaturated hydrocarbon, or a partially fluorinated hydrocarbon with  $\text{F}_2$  to produce a hydrofluorocarbon (USP5406008), or reaction of an alkene with carbon containing  $\text{F}_2$  by adsorption to produce a fluorinated alkene (Japanese Patent Application Laid-Open No. 2-207052).

REMARKS

The specification has been amended to correct a typographical error. Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,

  
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